Title SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS Inventor(s) R Booth Docket No . GIC-631

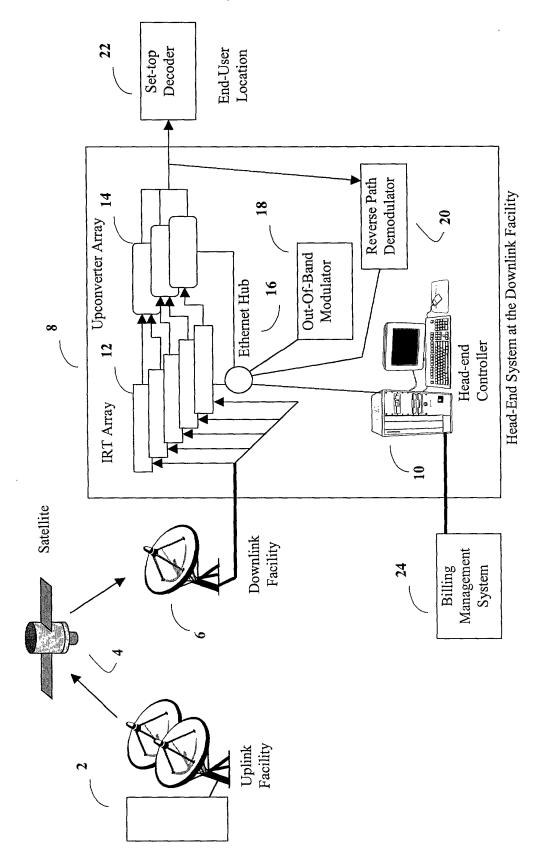


FIG. 1

The state of the s

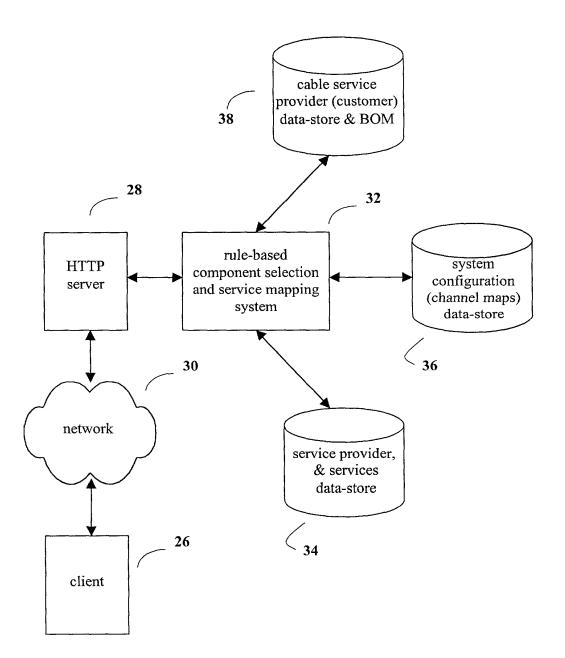


FIG. 2

Title. SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS Inventor(s). R Booth Docket No GIC-631

Pre-pack Headend Configuration - Netscape Go Window Help MU C NAS C DAC Head End Product SYSTEM: Bill of Materials PICTURE CARRIER: F STD C HRC IRT 1000: 1 IRT 2000: 2 VIEW Current Provider IRTs CNN C IRT LIST C6U: 2 Select All Channel Map **52** CNN Financial FREQUENCY AUTO FILL CNN Services Selected CNN Sports III. IRT #5: CNN MHz: 391 2625 CNN en Espanol CHANNEL Turner Classic Movies DISPLAY CHANNEL GUIDE NAME SERVICE NAME 48 AUTO FILL 30 CNN Financial CNN Financial 31 CNN Sports III CNN Sports III 54 CNN en Espanol 32 CNN en Espanol **50** MHz: 397 2625 IRT #6: CNN CHANNEL AUTO FILL DISPLAY CHANNEL SERVICE NAME GUIDE NAME Toon West Toon West

FIG. 3a

Title SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS Inventor(s): R. Booth Docket No. GIC-631

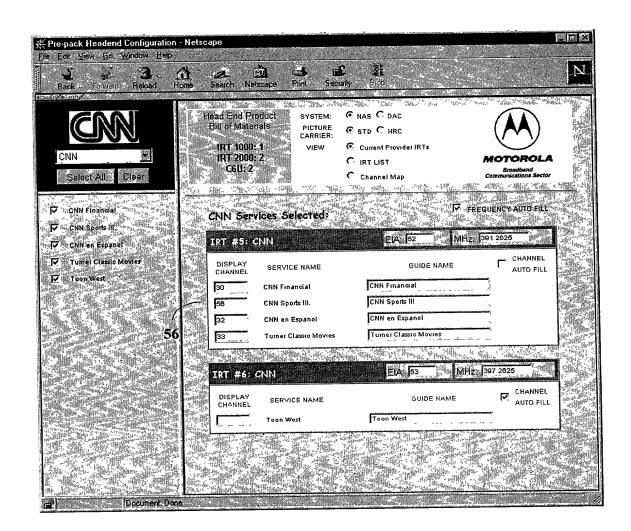


FIG. 3b

Title SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS

Inventor(s) R Booth Docket No GIC-631

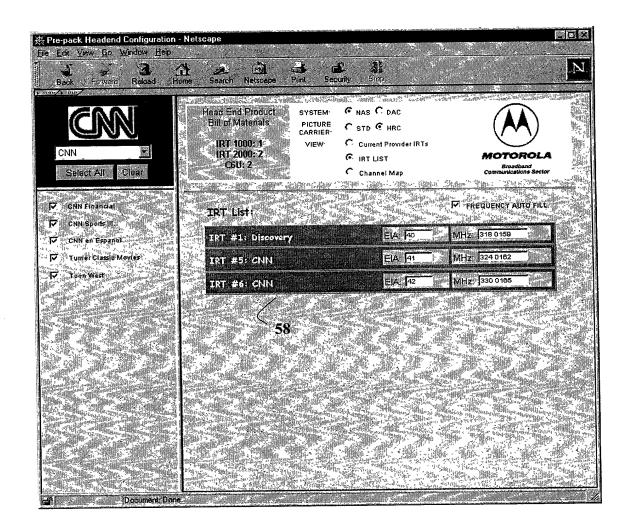


FIG. 4

Tide. SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS

Inventor(s) R Booth Docket No.: GIC-631

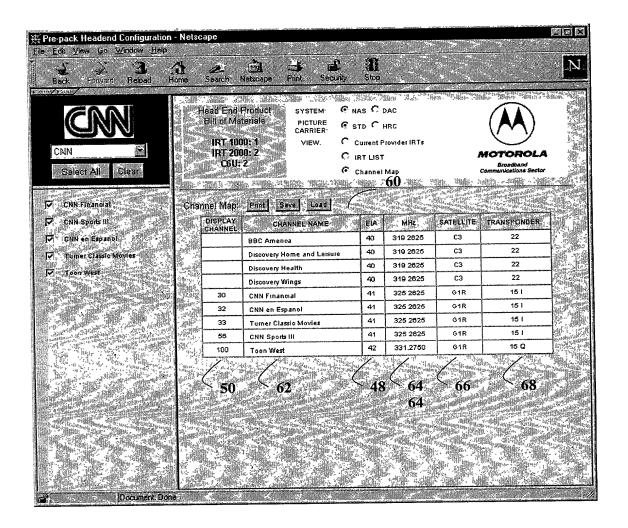
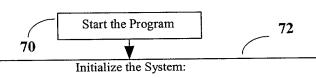


FIG. 5

Inventor(s): R Booth Docket No · GIC-631



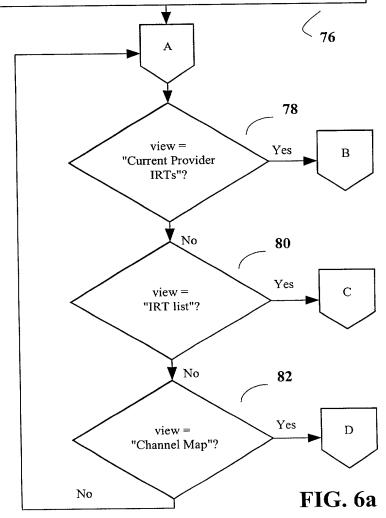
74

- 1) Clear Head End Product Bill of Material (BOM) list
- 2) Clear "Selected Services" file
- 3) Access Service Provider and Services data-store
- 4) Access customer BOM data-store
- 5) Access system configuration with channel map data-store

Start and initialize the User Interface:

- 1) Display Provider list with default selected and display listing of multimedia services available
- 2) Display Head End BOM summary
- 3) Display & select default settings for System (NAS or DAC), Picture Carrier (STD or HRC)
- 4) Display & select default settings for View (Current Provider IRTs, IRT List, or Channel Map)

Display frame 1: service providers and services
Display frame 2: BOM and system, picure carrier, and view options



The start start than their star their start start

The first first the first first that

SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS

Inventor(s) R Booth Docket No GIC-631



If a service provider is selected, display a sorted list of queuing devices configured for that provider. Also display changeable fields for associated EIA, frequency, guide names for the service, and their respective display channels. Also display the nonchangeable service names, and Frequency Auto Fill and Channel Auto Fill selection boxes.

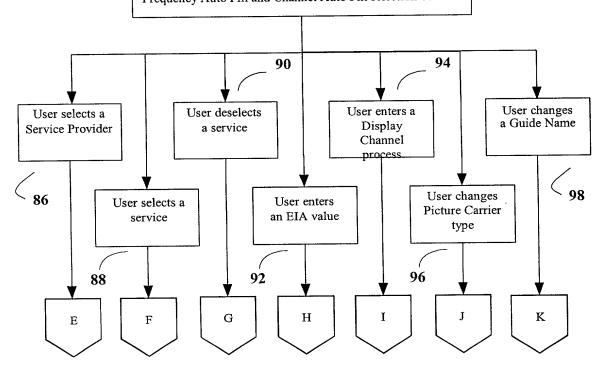


FIG. 6b

SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS

Inventor(s): R Booth Docket No.. GIC-631

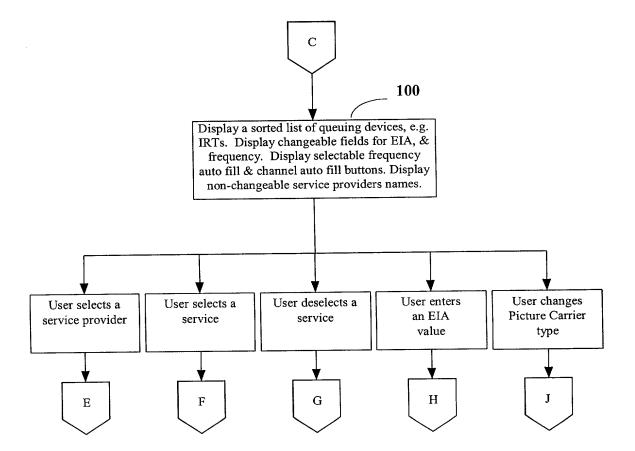


FIG. 6c

The first had been then the first the first that th

The dead them for that they

SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS

Inventor(s). R. Booth Docket No . GIC-631

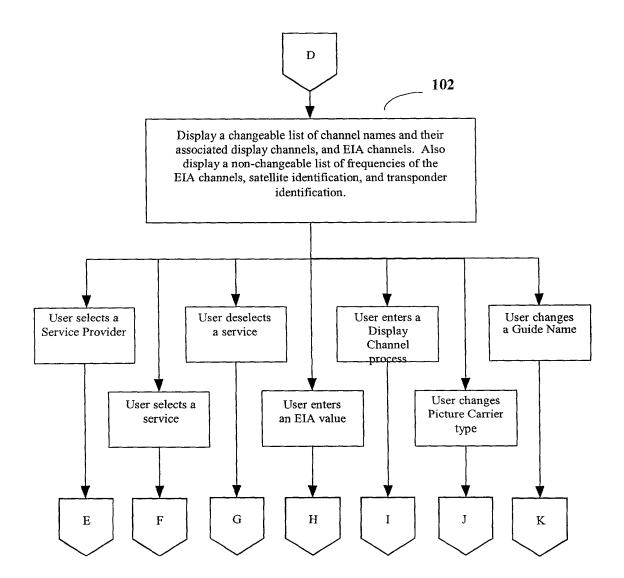


FIG. 6d

Title: SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS Inventor(s). R Booth Docket No.. GIC-631

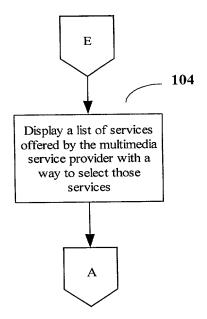
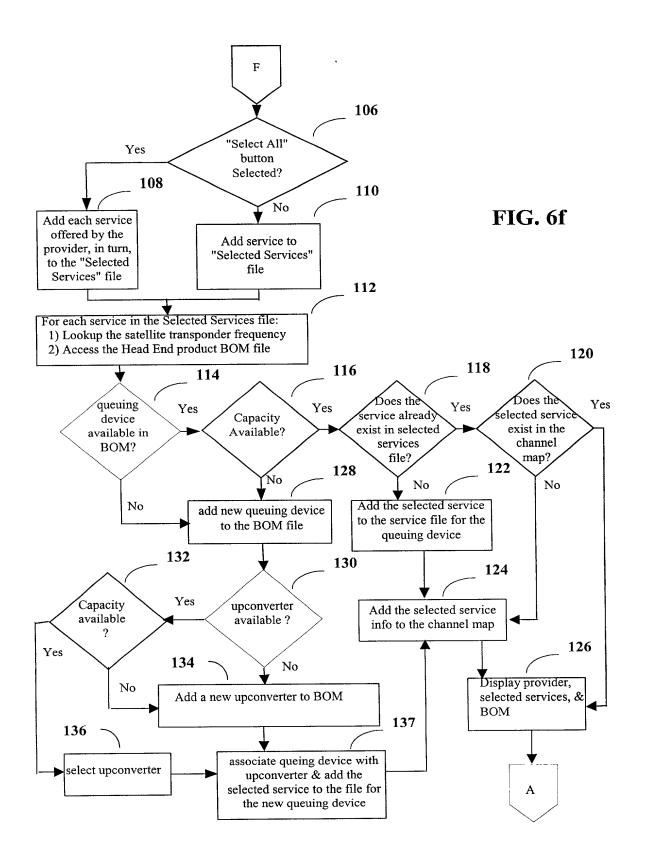


FIG. 6e

May the train the soul for first first first first

Inventor(s): R. Booth Docket No: GIC-631



Inventor(s): R Booth Docket No.: GIC-631

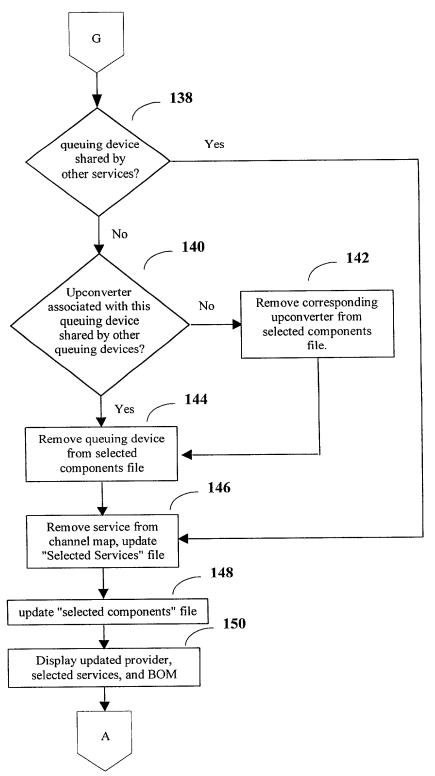


FIG. 6g

Title: SYSTEM AND METHODS FOR AUTOMATICALLY SELECTING, MAPPING AND DESIGNATING COMPONENTS FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS

Inventor(s). R. Booth Docket No GIC-631

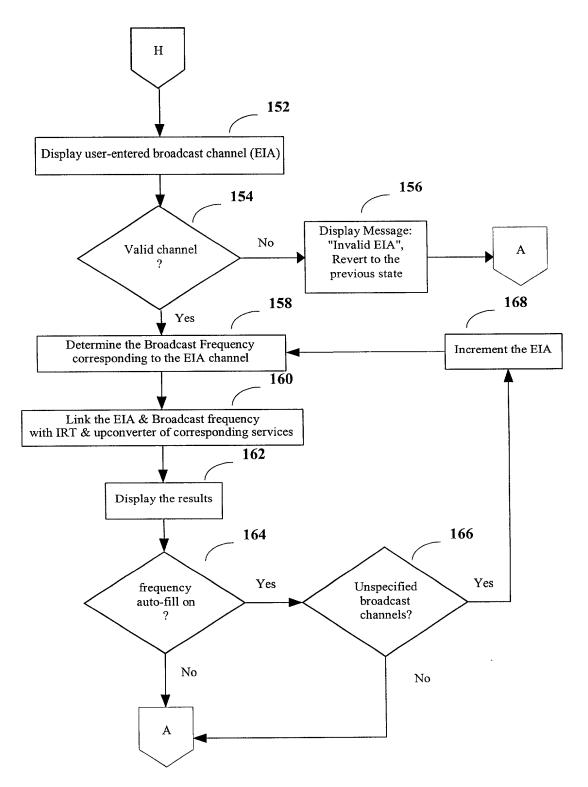


FIG. 6h

The first first the first that the first that the first firs

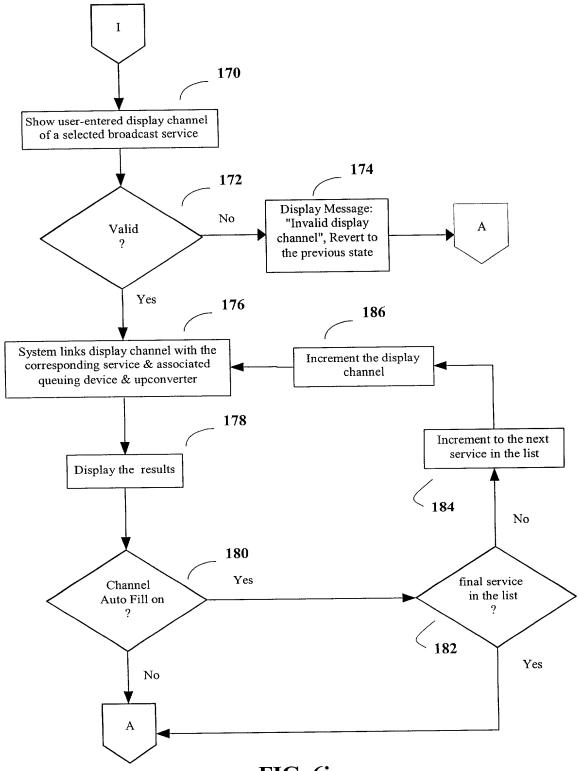


FIG. 6i

The first fi

Inventor(s) R Booth Docket No . GIC-631

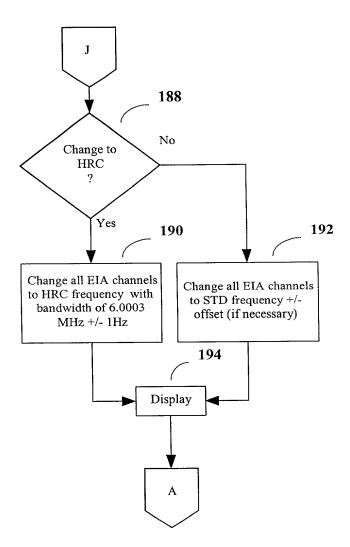


FIG. 6j

Title SYSTEM AND METHODS FOR AUTOMATICALLY
SELECTING, MAPPING AND DESIGNATING COMPONENTS
FOR DIGITAL CABLE SERVICE DISTRIBUTION SYSTEMS
Inventor(s) R Booth

Inventor(s) R Booth Docket No GIC-631

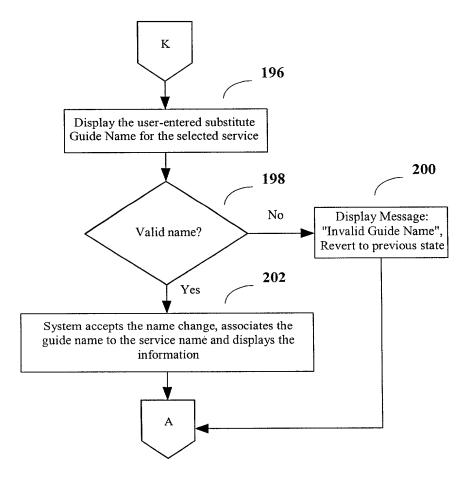


FIG. 6k